

PROGRAMME DIRECTORS

Swee Lay Thein

King's College London & King's College Hospital NHS Foundation Trust

John Tisdale

National Heart, Lung and Blood Institute, National Institutes of Health



THE 9TH SICKLE CELL IN FOCUS CONFERENCE

15 - 16 JUNE 2015, LONDON

THE LIGHT AT EUSTON

FRIENDS HOUSE
173-177 EUSTON ROAD
LONDON, NW1 2BJ

www.ststn.co.uk/scif2015



A TWO-DAY, INTENSIVE EDUCATIONAL CONFERENCE ON CURRENT AND EMERGING CLINICAL COMPLICATIONS AND MANAGEMENT OF SICKLE CELL DISEASE



PLUS, SESSIONS ON DRUG DEVELOPMENT, CLINICAL TRIALS AND NEW GENETICS



FOR CONSULTANTS, TRAINEE DOCTORS, HEALTH PROFESSIONALS INVOLVED IN THE CARE OF PATIENTS WITH THE DISEASE, AND ACADEMIC RESEARCHERS IN THIS FIELD

SESSION ONE

09:00am Welcome

09:10am Sickle cell disease: a global health issue
Kwaku Ohene-Frempong, *Children's Hospital of Philadelphia / University of Pennsylvania, USA*

09:40am Evolution of sickle cell disease – where are we now?
Swee Lay Thein, *King's College London / King's College Hospital NHS Foundation Trust, UK*

10:10am How I treat: Cerebrovascular disease
- Paediatrics
David Rees, *King's College London / King's College Hospital NHS Foundation Trust, UK*
- Adults
Paul Holmes, *Guy's & St. Thomas' NHS Foundation Trust, UK*

11:00am Break

SESSION TWO

11:30am Drug development and clinical trials (part I):
- Insights into Pathophysiology and therapeutic targets
Bart Biemond, *Academic Medical Center, University of Amsterdam, Netherlands*

- Drug development for a complex disease
Susan Perrine, *Howard's University Hospital, Washington DC, USA*

12:30pm Lunch



SESSION THREE

1:30pm

How I treat:

- Avascular necrosis

Marcus Bankes, *Guy's & St. Thomas' NHS Foundation Trust, UK*

- Sickle hepatopathy

Pauline Kane / Abid Suddle, *King's College Hospital NHS Foundation Trust, UK*

- Reproductive issues in sickle cell disease

Andra James, *Duke University, USA*

3:00pm

Break

SESSION FOUR

3:30pm

Debate: all patients with sickle cell disease should be on hydroxyurea therapy

- Yes: Russell Ware, *Cincinnati Children's Hospital, USA*

- No: Miguel Abboud, *American University of Beirut Medical Center, Lebanon*

5:00pm

Day one close

SESSION ONE

09:00am Welcome

09:10am Drug development and clinical trials (part II)

- Targeting HbS polymerisation

Yogan Saunthararaja, *Cleveland Clinic, USA*

- Targeting cell adhesion/ vaso-occlusion/vasculopathy

Deepa Manwani, *The Children's Hospital at Montefiore, New York, USA*

10:10am How I treat:

Transfusion reactions

Alek Mijovic, *King's College Hospital NHS Foundation Trust, UK*

10:35am Break

SESSION TWO

11:05pm How I treat:

- Iron overload

John Porter, *University College London, UK*

- Sickle pain

i) New concepts

Jim Taylor, *National Heart, Lung and Blood Institute, National Institutes of Health, USA*

ii) Management

Samir Ballas, *Thomas Jefferson University, USA*

12:20pm Lunch



SESSION THREE

- 1:20pm Revisiting haemolysis in sickle cell disease
- A role for haemolysis in the pathophysiology and clinical manifestations of sickle cell disease
Alan Schechter, National Institute of Diabetes and Digestive and Kidney Diseases / National Institutes of Health, USA
- Cell free haemoglobin and its scavenger proteins:
Dominik J. Schaer, University of Zurich, Switzerland
- Targeting the anaemia and dealing with the effects of the haemolysis
Lucia de Franceschi, Università degli studi di Verona, Italy

2:35pm *Break*

SESSION FOUR

- 3:00pm Sickle cell disease: attempting a cure
- Bone marrow transplant – who, when and how?
Josu de la Fuente, Imperial College London, UK
- New genetics to the rescue:
- i) Gene therapy
John Tisdale, National Heart, Lung and Blood Institute, National Institutes of Health, USA
- ii) Genome editing for disease correction
Stefano Rivella, Weill Cornell Medical College, New York, USA
- iii) When all fails, prevention is better than disease limitation
Barnaby Clark, King's College London / King's College Hospital NHS Foundation Trust, UK

5:00pm *Close of conference*

VENUE INFORMATION

Located directly opposite London's Euston Station, The Light offers beautiful, contemporary facilities in an easily accessible location.

We hope you will enjoy this fantastic, new London location for Sickle Cell in Focus!



CONTACTS

UK

ANNABELLE KELLY

E: belle.kelly@kcl.ac.uk

T: +44 - (0)20 - 7848 - 5441

USA

KAREN KENDRICK

E: kendrickk@nhlbi.nih.gov

T: +1 - 301- 496 - 7796

HOW TO REGISTER:

ONLINE BOOKING WILL BE AVAILABLE SOON!